

Commercial and Industrial Energy Storage Systems



768V 92KWH

Industrial and Commercial Energy Storage System

Including air conditioning, fire system, EMS, PCS, UPS, widely used in energy storage system peak load, peak cutting and valley filling, off-grid backup power supply.



-  Peak cutting and Valley filling
-  Photovoltaic applications
-  Dynamic capacity increase
-  Off-grid backup power

Performance Parameter	
Total energy	92kWh,25℃@0.5C
Dimension	2300*1300*800mm (H*W*D)
Weight	1.6t
Nominal battery voltage	768V
Battery working voltage range	672-864V
Nominal Frequency	50Hz
Max Charging/Diacharging power	30kW
AC max discharge current	45A
Operation altitude	<2000m
Cooling method	Air Cooling
On off grid method	Manual/Auto
AC output	3P+PE
Discharge overcurrent protection current	100A(5S)
Fire extinguishing type	Aerosol automatic fire extinguishing
IP grade	IP54
Operation temperature	-20℃-50℃ (over 45℃ Power derating)
Module standard	GB/T 36276 、 UN38.3
Cycle life	≥6000@90%DOD(25±5℃)

844.8V 202KWH

Industrial and Commercial Energy Storage System

Including air conditioning, fire system, EMS, PCS, UPS, widely used in energy storage system peak load, peak cutting and valley filling, off-grid backup power supply.



 Peak cutting and Valley filling

 Photovoltaic applications

 Dynamic capacity increase

 Off-grid backup power

Performance Parameter

Total energy	202kWh, 25°C@0.5c
Dimension	2400*1730*1590mm (H*W*D)
Weight	3.2t
Nominal battery voltage	844.8V
Battery working voltage range	739~937V
Nominal Frequency	50Hz
Max Charging/Diacharging power	100kW
AC max discharge current	150A
Operation altitude	<2000m
Cooling method	Air Cooling
On off grid method	Manual/Auto
AC output	3P+PE
Discharge overcurrent protection current	240A(5S)
Fire extinguishing type	Aerosol automatic fire extinguishing
IP grade	IP54
Operation temperature	-20°C-50°C (over 45°C Power derating)
Module standard	GB/T 36276 、 UN38.3
Cycle life	≥6000@90%DOD(25±5°C)

768V 215KWH

Industrial and Commercial Energy Storage System

Including air conditioning, fire system, EMS, PCS, UPS, widely used in energy storage system peak load, peak cutting and valley filling, off-grid backup power supply.



-  Peak cutting and Valley filling
-  Photovoltaic applications
-  Dynamic capacity increase
-  Off-grid backup power

Performance Parameter (Liquid Cooling)

Total energy	215kWh, 25°C@0.5c
Dimension	2100*1354*1350mm (H*W*D)
Weight	~3t
Nominal battery voltage	768V
Battery working voltage range	672~864V
Nominal Frequency	50Hz
Max Charging/Diacharging power	100kW
AC max discharge current	158A
Operation altitude	<2000m
Cooling method	Liquid Cooling
On off grid method	Manual/Auto
AC output	3P+PE
Discharge overcurrent protection current	280A(5S)
Fire extinguishing type	Aerosol automatic fire extinguishing
IP grade	IP54
Operation temperature	-20°C-50°C (over 45°C Power derating)
Module standard	GB/T 36276 、 UN38.3
Cycle life	≥6000@90%DOD(25±5°C)

Performance Parameter(Air Cooling)

Total energy	215kWh, 25°C@0.5c
Dimension	2500*1200*1200mm (H*W*D)
Weight	2800kg
Nominal battery voltage	768V
Battery working voltage range	672~864V
Nominal Frequency	50/60Hz
Max Charging/Diacharging power	100kW
AC max discharge current	140A
Operation altitude	<2000m
Cooling method	Air Cooling
On off grid method	Manual/Auto
AC output	3P+PE
Discharge overcurrent protection current	280A(5S)
Fire extinguishing type	Aerosol automatic fire extinguishing
IP grade	IP54
Operation temperature	-20°C-50°C (over 45°C Power derating)
Module standard	GB/T 36276 、 UN38.3
Cycle life	≥6000@90%DOD(25±5°C)